

Thienan Tran

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EDUCATION

Boston University
BA in Computer Science
GPA: 3.89

Boston, MA
May 2024

EXPERIENCE

Junior Software Engineer

May 2024 – Present

Pelicago

Cambridge, MA

- Collaborated with new interns through pair-programming, accelerating their onboarding process and increasing ticket resolution speed
- Identified and resolved a critical bug that exposed private emails to third parties, safeguarding the company from potential lawsuits
- Updated the quotes screen with additional information and filter functionality, increasing product value and customer satisfaction
- Developed Vitest unit tests, ensuring code works as expected, preventing waste of limited API calls
- **Technologies:** React, tRPC, Prisma, TypeScript, Typesense

Software Engineer Intern

Nov 2023 – May 2024

Pelicago

Cambridge, MA

- Led the migration from Yup to Zod for improved input validation and type safety, reducing the risk of server crashes and bugs
- Diagnosed and fixed a critical emailing bug right before a major release, keeping the project on track
- Documented challenges and solutions encountered during AWS EC2 deployment, streamlining future deployment processes
- Integrated third-party APIs like Storyblok, Stripe, and HubSpot, enhancing marketing efforts and automating invoicing, saving hours of manual work
- **Technologies:** React, tRPC, Prisma, TypeScript, Typesense

Office Assistant

Sep 2021 – Sep 2022

Boston University

Boston, MA

- Handled alumni requests and issues via email and phone calls, addressing concerns related to donations, event registration, and contact information efficiently and professionally
- Streamlined communication by efficiently managing calls and directing them to the correct departments
- Created a welcoming environment for visitors, enhancing their overall experience
- Trained new student employees in standard office procedures, expediting their onboarding and improving ticket resolution efficiency
- Managed the alumni database by updating contact information and tracking engagement metrics, contributing to improved outreach and communication strategies

PROJECTS

Eat Here | *React, Prisma, tRPC, TypeScript*

August 2024 – Present

- Implemented data scraping mechanisms using APIs and automated scripts to gather the latest restaurant deals from social media and email newsletters, ensuring up-to-date information for users

Photoshare | *Python, Flask, MySQL*

Feb 2023

- Designed an entity-relationship diagram that served as the foundation for the app's relational database
- Developed photo and friend recommendation features using complex MySQL joins and sub-queries

TECHNICAL SKILLS

Languages: TypeScript, Python, HTML, CSS

Frameworks and Tools: React, tRPC, Prisma